

Form PTO-1449

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Applicant: Toshikazu Hasimoto et al.

Confirmation No.: 9162

Serial No.: 10/540,734

Att'y Docket No.: 14321.78

Filing Date: January 23, 2006

Art Unit: 2874

For: WAVE TRANSMISSION MEDIUM AND WAVEGUIDE CIRCUIT

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANTU.S. Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>
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Foreign Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Country or Patent Office</u>	<u>Translation</u>
<u>/MJS/</u> 1	53-100848	09/02/1978	Japan	No
<u>/MJS/</u> 2	10-186184	07/14/1998	Japan	No

Other Documents

(including author, title, pertinent pages, etc.)

<u>Examiner Initial*</u>

<u>/MJS/</u> 3	Yoshinori Hibino, <i>Passive Optical Devices for Photonic Networks</i> , IEICE Trans. Commun., Vol. E83-B, No. 10, October 2000, pp. 2178-2190.
<u>/MJS/</u> 4	T.W. Mossberg, <i>Planar Holographic Optical Processing Devices</i> , Optics Letters, Vol. 26, No. 7, April 1, 2001, pp. 414-416.
<u>/MJS/</u> 5	K. Okamoto, <i>Fundamentals of Optical Waveguides</i> , Chapter 9, Planar Lightwave Circuits, Academic Press, 2000, pp. 346-379.
<u>/MJS/</u> 6	K. Okamoto et al., <i>Flat Spectral Response Arrayed-Waveguide Grating Multiplexer with Parabolic Waveguide Horns</i> , Electronic Letters, Vol. 32, No. 18, August 29, 1996, pp. 1661-1662.

Examiner:

/M. Stahl/

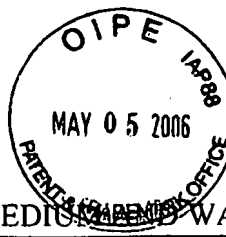
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09/18/2007

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For: WAVE TRANSMISSION MEDIA



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WAVEGUIDE CIRCUIT

- /MJS/ 7 Hongling Rao et al., *A Bidirectional Beam Propagation Method of Multiple Dielectric Interfaces*, IEEE Photonics Technology Letters, Vol. 11, No. 7, July 1999, pp. 830-832.
- /MJS/ 8 Toshihiko Baba et al., *Dispersion and Radiation Loss Characteristics of Antiresonant Reflecting Optical Waveguides-Numerical Results and Analytical Expressions*, IEEE Journal of Quantum Electronics, Vol. 28, No. 7, July 1992, pp. 1689-1700.
- /MJS/ 9 Charls Kettel ed., *Introduction to Solid State Physics 6th*, Chapter 2, John Wily & Sons, Inc., New York, 1986, pp. 30-37.
- /MJS/ 10 Senichi Suzuki, *Design Simulation of Silica-Based Planar Lightwave Circuits*, 1999 Transactions of the Institute of Electronic and Information Communication Engineers (IEICE), Electronics 1, March 8, 1999, pp. 510-511.

References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

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SUPPLEMENTAL INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>
/MJS/ 1	6,144,480	11/07/2000	Li et al.

Foreign Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Country or Patent Office</u>	<u>Translation</u>
/MJS/ 2	WO 02/075411 A1	09/26/2002	PCT	N/A

Other Documents

(including author, title, pertinent pages, etc.)

Examiner
Initial*

/MJS/3 W.A. Crossland et al., *Holographic Optical Switching: The "ROSES" Demonstrator*, Journal of Lightwave Technology, Vol. 18, No. 12, December 2000, pp. 1845-1854.

Examiner: /M. Stahl/ Date Considered: 09/18/2007

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Foreign Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Country or Patent Office</u>	<u>Translation</u>
<u>/MJS/</u> 1	10-123350	05/15/1998	Japan	No

Other Documents

(including author, title, pertinent pages, etc.)

Examiner
Initial*

/MJS/ 2 T. Kitoh et al., *Low Chromatic-dispersion Flat-top Arrayed Waveguide Grating Filter*, Electronics Letters, Vol. 39, No. 15, July 24, 2003, pp. 1116-1118.

/MJS/ 3 Yabu Tetsuro et al., *New Design Method for Low Loss Y-Branch Waveguides*, Papers of Technical Meeting on Electromagnetic Theory, EMT, IEE Japan, EMT-00-29-40, May 19, 2000, pp. 65-71.

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